

PCT REQUEST

P11653-PCT

Original (for SUBMISSION) - printed on 21.11.2003 01:32:59 PM

0	For receiving Office use only	
0-1	International Application No.	
0-2	International Filing Date	
0-3	Name of receiving Office and "PCT International Application"	
0-4	Form - PCT/RO/101 PCT Request	
0-4-1	Prepared using	PCT-EASY Version 2.92 (updated 01.07.2003)
0-5	Petition The undersigned requests that the present international application be processed according to the Patent Cooperation Treaty	
0-6	Receiving Office (specified by the applicant)	Korean Intellectual Property Office (RO/KR)
0-7	Applicant's or agent's file reference	P11653-PCT
I	Title of invention	ULTRA WIDEBAND RADIO TRANSMITTER, ULTRA WIDEBAND RADIO RECEIVER, AND ULTRA WIDEBAND RADIO COMMUNICATION METHOD
II	Applicant	
II-1	This person is:	applicant only
II-2	Applicant for	all designated States except US
II-4	Name	SAMSUNG ELECTRONICS CO., LTD.
II-5	Address:	416, Maetan-dong, Paldal-gu, Suwon-shi 442-370 Kyungki-do Republic of Korea
II-6	State of nationality	KR
II-7	State of residence	KR
II-8	Telephone No.	82-31-280-9168
II-9	Facsimile No.	82-31-280-9156
II-10	e-mail	sdhwa@samsung.com
III-1	Applicant and/or inventor	
III-1-1	This person is:	applicant and inventor
III-1-2	Applicant for	US only
III-1-4	Name (LAST, First)	Nagasaka, Hiroyuki
III-1-5	Address:	2-7, Sugasawa-cho, Tsurumi-ku Yokohama, Kanagawa 230-0027 Japan
III-1-6	State of nationality	JP
III-1-7	State of residence	JP

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IV-1	Agent or common representative; or address for correspondence The person identified below is hereby/has been appointed to act on behalf of the applicant(s) before the competent International Authorities as:	agent
IV-1-1	Name (LAST, First)	LEE, Keon-Joo
IV-1-2	Address:	Mihwa Bldg. 110-2, Myongryun-dong 4-ga, Chongro-gu 110-524 Seoul Republic of Korea
IV-1-3	Telephone No.	82-2-744-0305
IV-1-4	Facsimile No.	82-2-743-5247
IV-1-5	e-mail	kjlp@unitel.co.kr
V	Designation of States	
V-1	Regional Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AP: GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW and any other State which is a Contracting State of the Harare Protocol and of the PCT</p> <p>EA: AM AZ BY KG KZ MD RU TJ TM and any other State which is a Contracting State of the Eurasian Patent Convention and of the PCT</p> <p>EP: AT BE BG CH&LI CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE SI SK TR and any other State which is a Contracting State of the European Patent Convention and of the PCT</p> <p>OA: BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG and any other State which is a member State of OAPI and a Contracting State of the PCT</p>
V-2	National Patent (other kinds of protection or treatment, if any, are specified between parentheses after the designation(s) concerned)	<p>AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH&LI CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW</p>

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V-5	Precautionary Designation Statement In addition to the designations made under items V-1, V-2 and V-3, the applicant also makes under Rule 4.9(b) all designations which would be permitted under the PCT except any designation(s) of the State(s) indicated under item V-6 below. The applicant declares that those additional designations are subject to confirmation and that any designation which is not confirmed before the expiration of 15 months from the priority date is to be regarded as withdrawn by the applicant at the expiration of that time limit.	
V-6	Exclusion(s) from precautionary designations	NONE
VI-1	Priority claim of earlier national application	
VI-1-1	Filing date	21 November 2002 (21.11.2002)
VI-1-2	Number	2002230517
VI-1-3	Country	JP
VII-1	International Searching Authority Chosen	Korean Intellectual Property Office (KIPO) (ISA/KR)
VIII	Declarations	Number of declarations
VIII-1	Declaration as to the identity of the inventor	-
VIII-2	Declaration as to the applicant's entitlement, as at the international filing date, to apply for and be granted a patent	-
VIII-3	Declaration as to the applicant's entitlement, as at the international filing date, to claim the priority of the earlier application	-
VIII-4	Declaration of inventorship (only for the purposes of the designation of the United States of America)	-
VIII-5	Declaration as to non-prejudicial disclosures or exceptions to lack of novelty	-
IX	Check list	number of sheets electronic file(s) attached
IX-1	Request (including declaration sheets)	4 -
IX-2	Description	36 -
IX-3	Claims	12 -
IX-4	Abstract	1 EZABST00.TXT
IX-5	Drawings	28 -
IX-7	TOTAL	81
	Accompanying items	paper document(s) attached electronic file(s) attached
IX-8	Fee calculation sheet	✓ -
IX-9	Original separate power of attorney	-
IX-11	Copy of general power of attorney	✓ -
IX-17	PCT-EASY diskette	- Diskette
IX-19	Figure of the drawings which should accompany the abstract	1

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IX-20	Language of filing of the international application	Korean
X-1	Signature of applicant, agent or common representative	
X-1-1	Name (LAST, First)	

LEE, Keon-Joo

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10-1	Date of actual receipt of the purported international application	
10-2	Drawings:	
10-2-1	Received	
10-2-2	Not received	
10-3	Corrected date of actual receipt due to later but timely received papers or drawings completing the purported international application	
10-4	Date of timely receipt of the required corrections under PCT Article 11(2)	
10-5	International Searching Authority	ISA/KR
10-6	Transmittal of search copy delayed until search fee is paid	

FOR INTERNATIONAL BUREAU USE ONLY

11-1	Date of receipt of the record copy by the International Bureau	
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PCT (ANNEX - FEE CALCULATION SHEET)

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(This sheet is not part of and does not count as a sheet of the international application)

0	For receiving Office use only			
0-1	International Application No.			
0-2	Date stamp of the receiving Office			
0-4	Form - PCT/RO/101 (Annex)			
0-4-1	PCT Fee Calculation Sheet Prepared using		PCT-EASY Version 2.92 (updated 01.07.2003)	
0-9	Applicant's or agent's file reference		P11653-PCT	
2	Applicant		SAMSUNG ELECTRONICS CO., LTD., et al.	
12	Calculation of prescribed fees		fee amount/multiplier	Total amounts (KRW)
12-1	Transmittal fee	T	⇒	45,000
12-2-1	Search fee	S	⇒	150,000
12-2-2	International search to be carried out by		KR	
12-3	International fee			
	Basic fee (first 30 sheets)	b1	530,000	
12-4	Remaining sheets		51	
12-5	Additional amount (X)		12,000	
12-6	Total additional amount		612,000	
12-7	b1 + b2 =		1,142,000	
12-8	Designation fees			
	Number of designations contained in international application		97	
12-9	Number of designation fees payable (maximum 5)		5	
12-10	Amount of designation fee (X)		114,000	
12-11	Total designation fees		570,000	
12-12	PCT-EASY fee reduction		-163,000	
12-13	Total International fee (B+D-R)		⇒	1,549,000
12-17	TOTAL FEES PAYABLE (T+S+I+P)		⇒	1,744,000
12-19	Mode of payment		cash	

VALIDATION LOG AND REMARKS

13-2-1	Validation messages Request	Green? A translation of the international application into English will have to be prepared under the responsibility of the ISA selected.
		Green? Please note that the entire request (including the title of invention) must be in English

PCT (ANNEX - FEE CALCULATION SHEET)

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		Green? The title of the invention shall be short and precise. Please verify.
13-2-2	Validation messages States	Green? More designations could be made. The following States have not been designated: JP. Please verify.
13-2-3	Validation messages Names	Green? Applicant 2.: Last name should preferably be entered in capital letters. Please verify.
13-2-7	Validation messages Contents	Green? Priority 1. The priority document is not enclosed. (The applicant must furnish it within 16 months from the earliest priority date claimed)
		Green? Reference number for attached copy of general power of attorney not indicated.
		Yellow Accompanying item "original separate power of attorney" has not been indicated as enclosed.
13-2-8	Validation messages Fees	Green? Please confirm that fee schedule utilized is the latest available
13-2-1 1	Validation messages For receiving Office/International Bureau use only	Green? Verify electronic data for consistency against printed form.